

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-204037

(43)Date of publication of application : 25.07.2000

(51)Int.Cl.

A61K 31/132

A61P 43/00

A61K 31/375

(21)Application number : 11-005635

(71)Applicant : TSUMURA & CO
SAKODA SABURO

(22)Date of filing : 12.01.1999

(72)Inventor : NAGANO SEIICHI
OGAWA YASUKO
FUJIMURA HARUTOSHI
SAKODA SABURO
YANAGIHARA TAKEHIKO

(54) THERAPEUTIC AGENT FOR AMYOTROPHIC LATERAL SCLEROSIS

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject therapeutic agent useful for treating amyotrophic lateral sclerosis and having high safety by including a specific triethylenetetramine.

SOLUTION: This therapeutic agent is obtained by including a compound represented by the formula [triethylenetetramine (trientine)] or its pharmaceutically acceptable salt as an active ingredient and preferably further ascorbic acid or its pharmaceutically acceptable salt or ester. An oral agent such as a tablet, a capsule or a granule, a parenteral agent, etc., such as a parenteral injection or a suppository are cited as the administration form of the trientine. In order to manifest expected effects as an oral agent, the active ingredient is preferably administered to an adult in a dose of 500 mg to 5 g expressed in terms of the weight of the trientine in several divided portions a day. A binder (e.g. starch), a disintegrating agent (e.g. hydroxypropyl starch), a surfactant (e.g. sodium lauryl sulfate), a lubricant (e.g.



tale), etc., can be formulated when preparing the oral agent.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office